



ADVANCED FILTRATION MEDIA

APPLICATION

Ideal as swimming pool and filtration media for inground and above ground pools.

HIGH PERFORMANCE POOL FILTER MEDIA

- **Minimises water wastage** – higher dirt holding capacity and the ability to remove finer particles than traditional sand and DE filters provides cleaner pool water that is visibly brighter and clearer and saves water as backwashing requirements are reduced
- **Absorbs ammonia** – Zelbrite performs chemical ion exchange to absorb ammonia making the pool water safer and more appealing
- **Effective for over 5 years** – hard grains of Zelbrite ensure that it remains effective within the filter for over five years
- **No filter modifications required** – to standard sand filters to accept Zelbrite therefore can be used as an upgrade when the sand is replaced
- **Easily recharged** – Zelbrite can be simply recharged by your local pool shop to keep it performing at it's best
- **Minimises use of chemicals** – natural 'buffering' characteristics of Zelbrite and the resulting lower use of disinfectants allows a lower use of chemicals for pH control
- **Extends cell plate life** – Zelbrite lowers the output required from salt water chlorinators extending the cell plate life



Pool Filter Media



Huge surface area greater ability to remove dirt

Porous cell structure traps dirt, reducing need for frequent backwashing

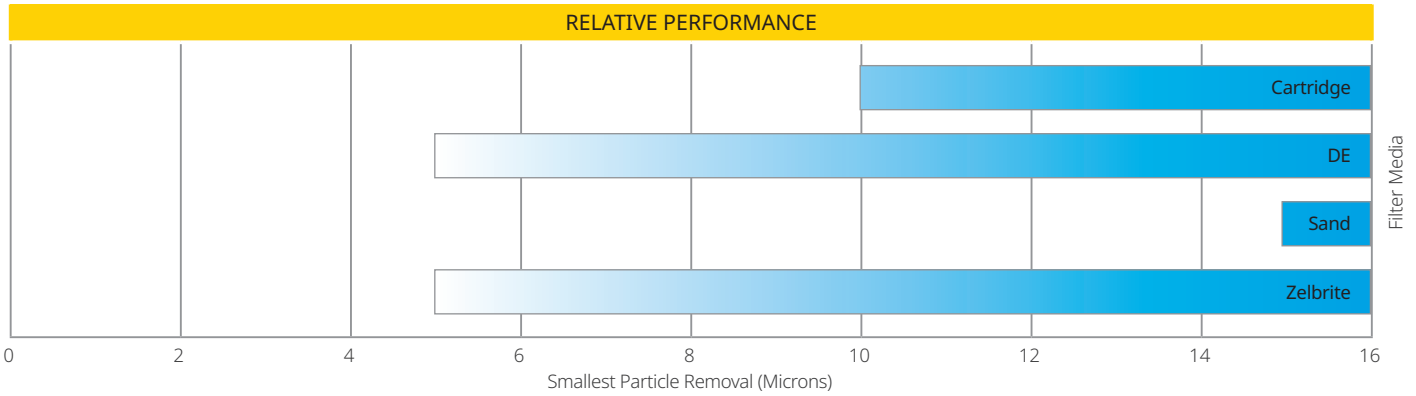
Ion exchange removes ammonia which keeps chemical usage to a minimum and reduces chlorine smell and sore eyes

Extremely hard and durable media will last 5+ years

Operates in standard sand filter, easy to upgrade existing filters

PROPERTIES	
Particle size	0.5 - 2mm
Solid density	2.2 - 2.3 g/cc (2200 - 2300 kg/m ³)
Filtration media bulk density	1.15 g/cc (1150 kg/m ³)
Hardness	7 Mohs
Wet attrition test (Mercer & Ames)	0.98
External surface area	20 - 25m ² /g
Cation exchange	119 m.eg / 100g
Ammonium ion exchange	104 m.eg / 100g
Molecular channel size	7.9 x 3.5 augstroms 4.4 x 3.0 augstroms

Zelbrite REQUIRED		
Davey Media Filter	Kg	Bags
21	64	5
25	117	8
28	158	11
32	188	13
36	263	18
40	450	30



! May contain traces of clay and fine particles - thoroughly backwash and rinse before first filter cycle.